

**Name:**  
**ID#:**
**Major:** **PROFESSIONAL DIRECTED STUDIES**  
**COMPUTER INFORMATION SYSTEMS & ANALYTICS**  
**Degree:** **BACHELOR OF SCIENCE**
**TOTAL HOURS REQUIRED FOR THE DEGREE: 152**

<b>BIBLICAL EDUCATION (30 hrs)</b>			<b>HRS</b>	<b>GR</b>	<b>TR</b>
<b>Bible (18 hrs)</b>					
BI115	Bible Study/Hermeneutics	(3 hrs)			
BI120	Old Testament Survey	(3 hrs)			
BI130	New Testament Survey	(3 hrs)			
BI343	Genesis	(3 hrs)			
<b>Choose 1:</b>					
BI224	John <b>OR</b>	(3 hrs)			
BI334	Romans	(3 hrs)			
<b>BI / BL / TH Elective (Choose 3 hrs):</b>					
<b>Theology (12 hrs)</b>					
TH111	Evangelism/Spiritual Life	(3 hrs)			
TH220	Systematic Theology I	(3 hrs)			
TH221	Systematic Theology II	(3 hrs)			
TH222	Systematic Theology III	(3 hrs)			
<b>HOURS COMPLETED:</b>			<b>0</b>		
<b>HOURS NEEDED:</b>			<b>30</b>		

<b>GENERAL EDUCATION (42 hrs)</b>			<b>HRS</b>	<b>GR</b>	<b>TR</b>
<b>COMMUNICATIONS (10 hrs)</b>					
<b>Required:</b>					
COM110	Written Research Practicum	(1 hr)			
EN112	College Composition I	(3 hrs)			
EN113	College Composition II	(3 hrs)			
<b>Communications Elective: (Choose 1)</b>					
COMM100	Public Speaking <b>OR</b>	(3 hrs)			UCM
COMM105	Communication in Practice <b>OR</b>	(3 hrs)			UCM
MKT1401	Professional Speaking & Presentation	(3 hrs)			UCM
<b>HUMANITIES (13 hrs)</b>					
<b>Required:</b>					
RP100	Developing a Biblical Worldview	(1 hr)			
RP330	World Religions	(3 hrs)			
<b>Fine Arts: (Choose 1)</b>					
MU110	Music Appreciation <b>OR</b>	(3 hrs)			
TA341	Christ & Creativity	(3 hrs)			
<b>Literature: (Choose 1)</b>					
		(3 hrs)			
<b>History:</b>					
HP100	Constitutional Exam	(0 hrs)			
<b>(Choose 1) HP221, HP222, HP232, or HP238</b>					
		(3 hrs)			
<b>NATURAL SCIENCES / MATH (9 hrs)</b>					
<b>Required:</b>					
MATH1111	College Algebra	(3 hrs)			UCM
PE110	Lifetime Fitness	(1 hr)			
<b>Science: (Choose 5 hrs - class + lab)</b>					
<b>Required:</b>					
GE100	College Life Seminar	(1 hr)			
<b>Social Sciences: (Choose 1)</b>					
ECON1010	Principles of Macroeconomics	(3 hrs)			UCM
ECON1011	Principles of Microeconomics	(3 hrs)			UCM
<b>Business Information Requirement:</b>					
CIS1600	Business Information Management	(3 hrs)			UCM
<b>HOURS COMPLETED:</b>			<b>0</b>		
<b>HOURS NEEDED:</b>			<b>42</b>		

<b>CM099</b>	<b>Christian Ministry</b>				
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<b>TRANSFER CREDIT FROM:</b>		<b>HRS</b>
<b>Total Transfer Hours:</b>		<b>0</b>

<b>PROFESSIONAL EDUCATION (80 hrs)</b>			<b>HRS</b>	<b>GR</b>	<b>TR</b>
<b>Missions/ Ministry Core (3 hrs req)</b>					
IC111	Intro to Christian Missions	(3 hrs)			
<b>Computer Information Systems Major:</b>					
<b>* Based on University of Central Missouri program</b>					
CIS1625	Programming with Visual C#	(3 hrs)			UCM
CIS2625	Web Application Architecture	(3 hrs)			UCM
CIS2665	Princ of Data Comm & Local Area Networking	(3 hrs)			UCM
CIS3630	Management Information Systems	(3 hrs)			UCM
CIS3650	Database Management Systems	(3 hrs)			UCM
CIS3660	Analysis & Design of CIS	(3 hrs)			UCM
CIS4690	Systems Architecture & Development	(3 hrs)			UCM
ACCT1101	Foundations of Financial Reporting	(3 hrs)			UCM
ACCT2102	Principles of Managerial Accounting	(3 hrs)			UCM
BLAW2720	Legal Environment of Business	(3 hrs)			UCM
ECON1011	Principles of Microeconomics	(3 hrs)			UCM
FIN2801	Business Statistics I	(3 hrs)			UCM
FIN3801	Business Statistics II	(3 hrs)			UCM
FIN3850	Principles of Finance	(3 hrs)			UCM
MGT3315	Management of Organizations	(3 hrs)			UCM
MGT3325	Business Communication	(3 hrs)			UCM
MGT3360	Supply Chain & Operations Management	(3 hrs)			UCM
MGT4357	Organizational Policy & Strategy	(3 hrs)			UCM
MKT3405	Principles of Marketing	(3 hrs)			UCM
<b>Four Courses from one of the following areas: (12 hrs)</b>					
<b>Area 1: Software Development</b>					
CIS3625	Business Application Development with Java	(3 hrs)			UCM
CIS3670	User Experience Design	(3 hrs)			UCM
CIS4680	Data Resource Management	(3 hrs)			UCM
<b>Choose 1:</b>					
CIS4660	Adv Applications Dev Using Java <b>OR</b>	(3 hrs)			UCM
CIS4670	Applications Development using Visual C#	(3 hrs)			UCM
<b>Area 2: Cloud Computing - Networking &amp; Security</b>					
CIS3665	Cloud Computing & Data Communication	(3 hrs)			UCM
CIS4645	Network & System Security	(3 hrs)			UCM
CIS4665	Data Comm & Distributed Data Processing	(3 hrs)			UCM
CIS4685	Cloud & Network: Planning, Design, & Security	(3 hrs)			UCM
<b>Area 3: Mobile &amp; Web Development</b>					
CIS3625	Business Application Development with Java	(3 hrs)			UCM
CIS3670	User Experience Design	(3 hrs)			UCM
CIS4640	Web Application Development	(3 hrs)			UCM
CIS4675	Mobile Business Application Development	(3 hrs)			UCM
<b>Electives (Choose 8 Hours)</b>					
CIS3695	Internship in Computer Information System	(3-9)			UCM
CIS4610	Special Projects	(1-3)			UCM
CIS4625	Information Security Management	(3 hrs)			UCM
CIS4635	Seminar in Business Computer Applications	(2-3)			UCM
CIS4640	Web Application Development	(3 hrs)			UCM
CIS4655	Software Engineering	(3 hrs)			UCM
CIS4675	Mobile Business Application Development	(3 hrs)			UCM
<b>HOURS COMPLETED:</b>			<b>0</b>		
<b>HOURS NEEDED:</b>			<b>80</b>		

<b>TOTAL HRS COMPLETED:</b>	<b>0</b>	
<b>TOTAL HRS NEEDED:</b>	<b>152</b>	